

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the present application:

Listing of Claims:

Claim 1 (Currently Amended): A system for providing a GPS enabled antenna, comprising:

an dual band antenna;

a diplexer coupled to the antenna;

a switching module coupled to the diplexer antenna;

a first communications band diplexer circuitry coupled to the switching module;

a second communications band diplexer coupled to the diplexer;

a global positioning system (GPS) module coupled to the switching module; and

an impedance matching circuit in the GPS module constructed to match impedance at approximately a GPS signal frequency,

wherein the switching module is adapted to selectively couple a signal feed from the antenna to one of the GPS module and the first communications band diplexer circuitry.

Claims 2-3 (Cancelled).

Claim 4 (Currently Amended): The system according to claim 1 ~~3~~, wherein the second band signals are cellular band signals.

Claim 5 (Currently Amended): The system according to claim 1 3, wherein the second band signals are band signals at approximately 800 MHz.

Claim 6 (Currently Amended): The system according to claim 1 3, wherein the first band signals are personal communications service (PCS) band signals.

Claim 7 (Currently Amended): The system according to claim 1 3, wherein the first band signals are band signals at approximately 1900 MHz.

Claim 8 (Previously Presented): The system according to claim 1, wherein the GPS module includes a GPS low noise amplifier.

Claim 9 (Previously Presented): The system according to claim 1, wherein the impedance matching circuit is adapted to provide tuning for the GPS band.

Claim 10 (Previously Presented): The system according to claim 1, wherein the GPS module includes the impedance matching circuit and a GPS low noise amplifier, the impedance matching circuit being coupled to the switching module, and the GPS low noise amplifier being coupled to the impedance matching circuit.

Claim 11 (Previously Presented): The system according to claim 1, wherein the switching module includes a two-way switch.

Claim 12 (Currently Amended): The system according to claim 11, wherein the first communications band diplexer circuitry is coupled to a first port of the two-way switch, and wherein the GPS module is coupled to the second port of the two-way switch.

Claims 13-19 (Cancelled).

Claim 20 (Currently Amended): The ~~device~~ system according to claim 19, wherein an the attenuation of the diplexer at a GPS frequency of 1575 MHz is approximately -0.3 dB.

Claims 21-24 (Cancelled).

Claim 25 (Currently Amended): The ~~device~~ system according to claim 15, wherein the diplexer includes a high pass frequency response with a cutoff frequency at approximately 1400 MHz.

Claims 26-31 (Cancelled).

Claim 32 (Previously Presented): A method for providing a global positioning system (GPS) enabled antenna,

(a) receiving a wireless communications signal from at least one communications band;

(b) coupling, via a triplexer, GPS band signals of the wireless communications signal to a GPS module;

(c) coupling, via the triplexer, first band signals of the wireless communications signal to the first band duplexer; and

(d) coupling, via the triplexer, second band signals of the wireless communications signal to the second band duplexer.

Claim 33 (Previously Presented): The method according to claim 32, wherein the step (c) includes the step of coupling, via the triplexer, personal communications service (PCS) band signals of the wireless communications signal to the PCS band duplexer.

Claim 34 (Previously Presented): The method according to claim 32, wherein the step (d) includes the step of coupling, via the triplexer, cellular band signals of the wireless communications signal to the cellular band duplexer

Claim 35 (Previously Amended): A method for receiving incoming signals from at least one of three signal bands on a single dual-band antenna of a wireless handheld communications device, comprising the steps of:

separating, via a diplexer, first band signals from the incoming signals and coupling the filtered first band signals to a first band duplexer;

separating, via the diplexer, at least one of second band signals and third band signals from the incoming signals and coupling the at least one of the second band signals and the third band signals to a switching module; and

at least one of (a) coupling the second band signals to a second band duplexer and (b) coupling the third band signals to a third band module.